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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/770,007	01/25/2001	Shinji Aoki	4041J-000360	5201	
27572	7590 03/31/2003				
HARNESS, DICKEY & PIERCE, P.L.C. P.O. BOX 828 BLOOMFIELD HILLS, MI 48303			EXAMINER		
			FORD, JOHN K		
			ART UNIT	PAPER NUMBER	
			3743		
				DATE MAILED: 03/31/2003	

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 07-01)

	Application No.	Applicant(s)
O#: 4 # 0	09/770,007	Aoki
Office Action Summar	Examiner	Art Unit
	FORD	3743
The MAILING DATE of this comm	nunication appears on the cover sheet with t	
THE MAILING DATE OF THIS COMN - Extensions of time may be available under the provafter SIX (6) MONTHS from the mailing date of this - If the period for reply specified above is less than the - If NO period for reply is specified above, the maxim - Failure to reply within the set or extended period for - Any reply received by the Office later than three mo earned patent term adjustment. See 37 CFR 1.704 Status	visions of 37 CFR 1.136 (a). In no event, however, may a rep is communication. hirty (30) days, a reply within the statutory minimum of thirty (3 num statutory period will apply and will expire SIX (6) MONTH or reply will, by statute, cause the application to become ABAN onths after the mailing date of this communication, even if time (b).	oly be timely filed 30) days will be considered timely. IS from the mailing date of this communication.
1) Responsive to communication(
2a)☐ This action is FINAL.	2b) This action is non-final.	
3) Since this application is in cond closed in accordance with the p	dition for allowance except for formal matte practice under <i>Ex parte Quayle</i> , 1935 C.D.	rs, prosecution as to the ments is 11, 453 O.G. 213.
Disposition of Claims		
4) Claim(s) 1-36 is/are pending in		
	is/are withdrawn from consideration.	
5) Claim(s) is/are allowed.		
6) Claim(s) is/are rejected.		
7) Claim(s) is/are objected to		
8) Claims 1~36 are subject to res	striction and/or election requirement.	
Application Papers		
9) The specification is objected to be	by the Examiner.	
10) The drawing(s) filed on is/	-	
	n filed on is: a)□ approved b)□ di	isapproved.
12) ☐ The oath or declaration is object	ed to by the Examiner.	
Priority under 35 U.S.C. § 119		
13) Acknowledgment is made of a cl	aim for foreign priority under 35 U.S.C. § 1	19(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None o		
1. Certified copies of the prior	rity documents have been received.	
	rity documents have been received in Appl	lication No.
 Copies of the certified copies application from the Interest 	ies of the priority documents have been red ternational Bureau (PCT Rule 17 2(a))	ceived in this National Stage
	ction for a list of the certified copies not rec	•
14)∐ Acknowledgement is made of a c	claim for domestic priority under 35 U.S.C.	§ 119(e).
Attachment(s)		
5) Notice of References Cited (PTO-892) 6) Notice of Draftsperson's Patent Drawing Revie 7) Information Disclosure Statement(s) (PTO-144	ew (PTO-948) 19) Notice of Info	mmary (PTO-413) Paper No(s) ormal Patent Application (PTO-152)
Patent and Trademark Office O-326 (Rev. 01-01)	Office Action Summary	Part of Paper No.

Application/Control Number: 09/770,007

Art Unit: 3743

This application contains claims directed to the following patentably distinct species of the claimed invention: first species of Figures 1-10B, second species of Figure 11, third species of Figure 12A, fourth species of Figure 12B, fifth species of Figures 13-22, and sixth species of Figures 23-24.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, no claims appear to be generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over

Application/Control Number: 09/770,007

Art Unit: 3743

the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Any inquiry concerning this communication should be directed to John Ford at telephone number 703-308-2636.

JOHN FORD:jbe March 4, 2003 John K. Pord Primary Examiner